

# RAFIX 22 FS<sup>+</sup>, illuminated pushbutton, protruding bezel, round collar, momentary contact function, frontring metallic silver, bezel yellow



# fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction
- > Handheld terminals
- Industrial robots

## special features

- Illuminated pushbutton, panel illumination with SMT LED
- Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- > Special tactile feedback
- > Ideal for operation with gloves
- Connection types: printed circuit board connection (PCB) or plug-in connection (QC)
- PCB switching elements minimize assembly errors
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- The tactile switch adapter allows MICON 5 tactile switches to be used as switching elements
- Design adaptation by different front ring variations
- > Degree of protection: IP 65 at the front
- > Two collar shapes: round and square



# description

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

Pushbutton with translucent bezel. In combination with a corresponding switching element, the bezel can be fully illuminated.

# technical data

>	e general		
	Disassembly possible	no	
	Bezel color	yellow	
	Property of bezel / mushroom	translucent	

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direct links

> RAFI eCatalog

Front ring color		metallic silver
Collar shape		round
Operating tempe	erature, min.	-25 °C
Operating tempe	erature, max.	70 °C
Storage tempera	ture, min.	-40 °C
Storage tempera	ture, max.	80 °C
illuminated		Yes
Packaging		Box
Packaging unit		10 pcs.
net weight		7.2 g
Operating life		1,000,000 cycles
B10		1,300,000 cycles
Degree of protec according to DIN		IP65
UL Enclosure Ty		type 1
side		type 4X indoor
Environment res	istance	IEC 60068-2-14
		IEC 60068-2-30
		IEC 60068-2-33
		IEC 60068-2-78
	ince according to	IEC 60068-2-11
standard		10
MOQ order		10 pcs.
RoHS compliant		Yes
REACH compliar		Yes
> mounting diam		22.2
Outside dimensio	0	29.8 mm
Outside dimensio		29.8 mm
Outside dimensio	on, height	21.6 mm
Mounting hole		22.3 mm
Mounting depth		9.2 mm
Installation heigh	t	12.9 mm
Grid, min.		30 x 30 mm
> mechanical data		
Actuation function		momentary contact function
Operating force,		100 N
Operating travel,	max.	4 mm
Fixing		Threaded ring
Threaded ring to	rque, max.	1.2 Nm

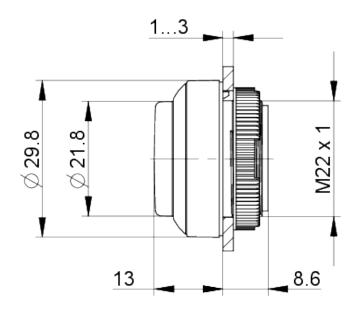
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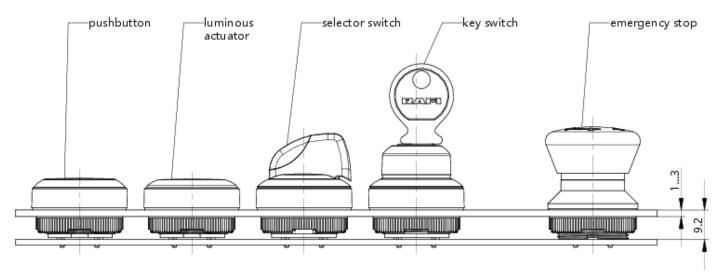


# drawings

## **Dimensioned drawing**



## System drawing



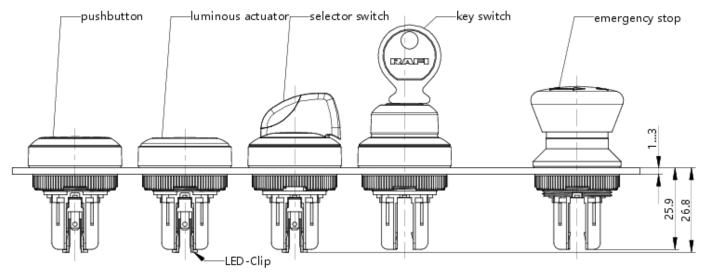
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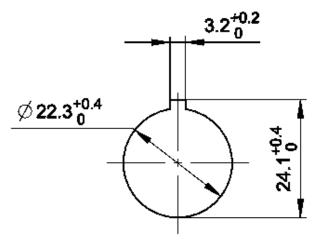
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## System drawing



Mounting hole drawing



acc. to IEC 60947-5-1

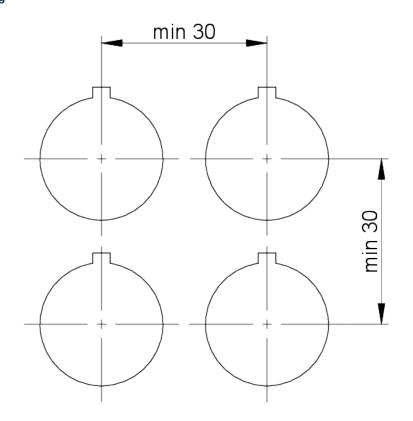
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## front panel drawing



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